



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090235

Mode: Highway

Status: Submitted

SR-1001 (Connelly Springs Road)

From/Cross Street: Catawba River at Caldwell/Burke County Line

Specific Improvement Type: 1 - Widen Existing Roadway

To: SR 1933 (South-West Boulevard) in Lenoir

Project Category: Division Needs

Length: 7.1

TIP#: R-3430

Fully Funded in Draft STIP? No

Cost to NCDOT: \$102,712,000

Description:

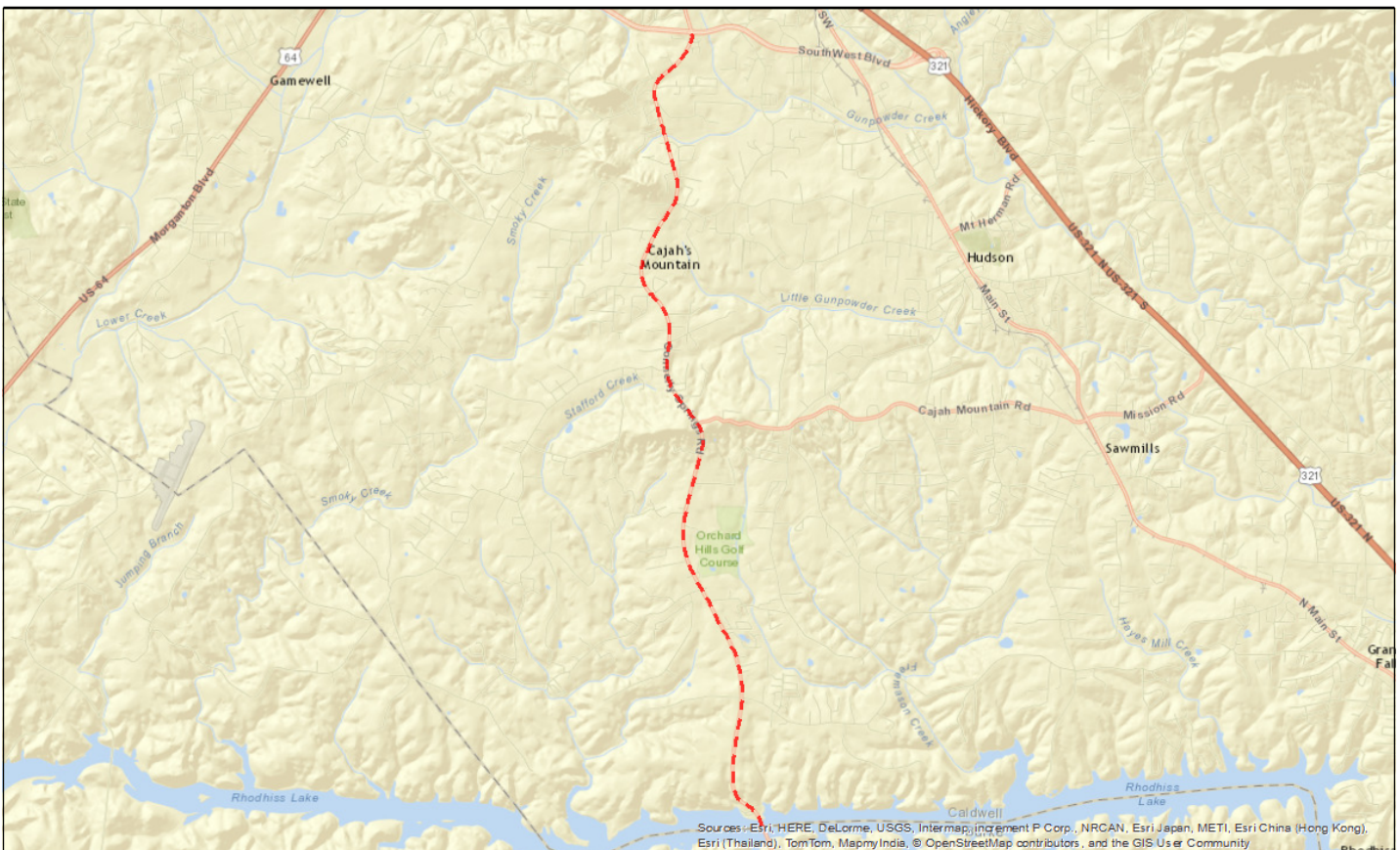
Catawba River at Caldwell/Burke County Line to SR 1933 (South-West Boulevard) in Lenoir. Widen to Multi-Lanes.

Division(s): Division 11

County(s): CALDWELL

MPOS(s)/RPO(s): Greater Hickory MPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	Percent: 15% Points: 0	Percent: 15% Points: 0

Division Needs Total Score: 34.5

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 43.55 Safety (10%) 79.98 [Travel Time] Benefit/Cost (20%) 2.73 Totals: Weight: 50% Weighted Score: 17.25	Percent: 25% Points: 0	Percent: 25% Points: 69

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	47
Length (miles):	7.1
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
Lane Width:	10
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	10346.57
Capacity:	15753.07
Volume/Capacity Ratio:	0.66
% Autos:	100%
% Trucks:	0%
Truck Volume:	0
Crash Density:	99.79
Crash Severity:	77.95
Critical Crash Rate:	62.24
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	23
Existing Median Type (for Cost Estimation):	Undivided
Pavement Condition Rating:	90
Actual Congested Speed:	0
Travel Time Index:	0

Project Benefits

Project Cross-Section:	4A - 4 Lane Divided (46' Depressed Median) with Paved Shoulders
Speed Limit:	55
Length (miles):	7.1
Facility Type:	Multi-Lane Highway
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	12751931.97
Travel Time Savings for 30 Years (Autos):	12751931.97
Travel Time Savings for 30 Years (Trucks):	0
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	Yes
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 11

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!line tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 11	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Greater Hickory MPO	100%	0	69
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	69

Project Cost and Source

Construction Cost:	\$49,590,000	TIP Unit
Right-of-Way Cost:	\$47,430,000	Cost Estimation Tool
Utilities Cost:	\$5,692,000	Cost Estimation Tool
Total Project Cost:	\$102,712,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$102,712,000	